

ABSTRACT OF THE DISCLOSURE

5 A system for selecting reference die images, such as for
use with a visual die inspection system, is provided. The
system includes a die image comparator, which compares a
first die image to a second die image in order to create a
difference image that contains only the differences between
the two die images. The system also includes a difference
10 image analysis system that receives data from the die image
comparator. The difference image analysis system analyzes
the difference image and determines whether there are any
features of the difference image that indicate that either
the first die image or the second die image should not be
15 used as a reference die image.